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THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **MURAKAMI, Tomoyasu, et al.**

Group Art Unit: 1713

Serial No.: 10/559,578

Examiner: **Karuna P. Reddy**

Filed: **December 5, 2005**

P.T.O. Confirmation No.: 2692

**FOR: ANAEROBIC ADHESIVE COMPOSITIONS AND WATER-BLOCKING
TREATMENT OF ELECTRICAL WIRES WITH THE SAME COMPOSITIONS**

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97(c)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Date: May 30, 2007

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached.

This Information Disclosure Statement is being submitted after issuance of a first official action on the merits and expiration of the three month period following the filing date or the entry of the national stage for the above-captioned application, but prior to issuance of either a final official action or a Notice of Allowance. A check is attached hereto which covers the \$ 180.00 fee set forth in 37 CFR 1.17(p).

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. See 37 CFR 1.104(a) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the

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documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

The Commissioner is hereby authorized to charge any additional fee (or credit any overpayment) associated with this statement to our Deposit Account No. 01-2340.

Respectfully submitted,

ARMSTRONG, KRATZ, QUINTOS,
HANSON & BROOKS, LLP



William G. Kratz, Jr.
Attorney for Applicant
Reg. No. 22,631

WGK/jls
Atty. Docket No. **050787**
Suite 1000
1725 K Street, N.W.
Washington, D.C. 20006
(202) 659-2930



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PATENT TRADEMARK OFFICE

Enclosures: PTO-1449 and references (4)
Check for \$ 180.00

Translation

German Patent and Trademark Office

Munich, March 2, 2007

Official File No: 11 2004 001 019.5-43

Applicants: Yazaki Corp.

Attorneys' File No: P31665

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In this Office Action the following references have been cited for the first time (their numbering will also be adhered to during the course of the further procedure):

- (1) DE 24 41 943 A1
- (2) EP 0 499 483 A1
- (3) EP 0 111 259 B1
- (4) GB 2 085 024 A

1. The current claim 1 is not allowable on grounds of a lack of clarity (cf. Schulte, Patentgesetz, 7th edition 2005, sec. 34, marginal note 130).

In this claim the feature "an anaerobic free radical generator... capable of generating a free radical" is unclear. It cannot be taken from anywhere in the whole application documents, what compositions are referred to.

Therefore, the Examining Division could only carry out a search on the basis of the clear features of claim 1 ("polyacrylic ester", "organic peroxide" and "organic hydrazide") and the components of the examples (cf. table 1 on page 10 of the application documents).

In view of references (1) to (4), the subject matter of claim 1 also seems to lack novelty, absolutely necessary for the patentability (cf. Schulte Patentgesetz, 7th edition 2005, sec. 3, marginal note 10).

From references (1) to (4) anaerobic adhesive compositions and sealants, respectively, are known, showing compositions with various polymerizable acrylate groups, organic peroxides and organic hydrazides. Chinone/hydro chinone and benzosulfimide (compare to table 1 on page 10 of the application documents) are already known as the usual components of anaerobic adhesive compositions. Cf. in this context:

- (1) title; page 2, paragraph 2; page 6, paragraph 1 and table 1
 - (2) title; claim 1; page 2, lines 19 to 45; page 3, lines 28 to 45
 - (3) title; claims 6, 7; page 2, lines 3 to 8; page 3, lines 49 to 52
 - (4) title; claim 1; page 2, line 17, to page 3, line 10; page 3, line 51, to page 4, line 6
2. The dependent claims 2 to 7, relating to claim 1, exclusively contain embodiments of claim 1, common in this field, and are therefore not allowable either – also on grounds of a lack of clarity of claim 1.
3. The subject matter of claim 8 is not allowable on grounds of a lack of unity (cf. Schulte Patentgesetz, 7th edition 2005, sec. 34, marginal note 241 foll.). A suitable method claim would have to relate to a method for producing an anaerobic adhesive composition.
- It must also be pointed out that the claimed method only comprises the method step of impregnating (or depositing, respectively). Actually, every adhesive is applied in this way. For this reason the Examining Division doubts here, too, that an inventive activity is given.
4. The grant of a patent is impossible. If the set of claims is maintained, the rejection of the application is to be expected.

Examining Division for Class C09J

Signed: Dr. Salmon

Enclosures: Copies of references (1) to (4)



INFORMATION DISCLOSURE CITATION PTO-1449	Atty. Docket No. 050787	Serial No. 10/559,578
	Applicant(s): MURAKAMI, Tomoyasu, et al.	
	Filing Date: December 5, 2005	Group Art Unit: 1713

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
_____	AA					
_____	AB					
_____	AC					
_____	AD					
_____	AE					

FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Translation (Yes or No)
_____ AF DE 2441943 A1	09/02/1974	GERMANY	NO
_____ AG EP 0499483 A2	02/14/1992	EPO	YES
_____ AH EP 0111259 B1	12/01/1983	EPO	NO
_____ AI GB 2085024 A	10/03/1980	GB	YES
_____ AJ			

OTHER DOCUMENTS

_____	AK	
_____	AL	
Examiner _____ Date Considered _____		